

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION X POLLUTION REPORT

POLREP No. 14

I. HEADING

Date: November 22, 2002
Subject: Hamilton- Labree Removal site, Chehalis, Wa.
From: William Longston, OSC, USEPA, Region X, Emergency Response Unit
Tel: (360) 748-4714
To: See Distribution List on last page.

II. BACKGROUND

Site ID	108R
Delivery Order No	0008
Response Authority	CERCLA
CERCLIS No	WAI 000 002 857
NPL Status	Listed as of July 2000
State Notification	Washington State Department of Ecology referred site to EPA
Action Memo	Signed on July 5, 2002
Removal Start Date	August 13, 2002
Expected Completion Date	November 22, 2002
Site Web Page:	

III. SITE INFORMATION

A. INCIDENT CATEGORY

This is a time-critical removal action located at Hamilton-LaBree, Chehalis, Wa.

B. SITE DESCRIPTION

1. SITE LOCATION

Refer to POLREP 1

IV. RESPONSE INFORMATION

A. SITUATION

1. CURRENT SITUATION

Refer to POLREP 1

2. SITE CHARACTERIZATION

Refer to POLREP 1

3. USCG DAILY LOG

(Site safety, engineer oversight, traffic control, and surveying are performed daily.)

Monday, November 11, 2002

1. EQM/ERI installed double-check valve, pressure regulator, and associated belowground box enclosures for 293 Labree Road (Pallas). Crew also installed 3/4" HDPE service piping from the meter setter to the planned connection point to the existing well line serving the residence.
2. EQM/ERI tapped main at STA 78+41 for service to 2386 Rice Road (V. Nygard).
3. EQM/ERI tapped main at STA 81+57 for service to 2377 Rice Road (Giske Image Design). Thereafter, crew attempted 4 times to microtunnel under Rice Road, however refusal occurred at approx. 4 feet into the push on each occasion. Crew to attempt at greater depth tomorrow. Crew also hit and broke telephone line during excavation of receiving trench. Line was encountered 3'3" from painted locations marked by Located Down Under. QWEST was notified and repaired the line.
4. EQM/ERI installed a 5' section of 10" main at jumper location from STA 39+76 to STA 39+81 to fully connect the remaining main sections along Labree and Rice Roads to City of Chehalis Public Works (CCPW) supply. Thereafter, EQM/ERI installed quick connect Storz adapters on each hydrant up to Labree/Rice intersection. Hydrants are now in service, cover bags removed, and are available for use by fire department.
5. EQM/ERI cleanup crew placed and compacted 5/8"-minus crushed rock on Ames' side driveway as part of property restoration.
6. Butler survey crew set lot/easement line stakes at meter locations and performed record surveying for service installations.

Tuesday, November 12, 2002

1. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 293 Labree Road (Pallas). The system was plumbed such that only the residence interior is connected to the CCPW supply. Existing outside spigots remain connected to the well. CCPW inspector (Monte Marine) inspected all connections to verify no cross-connections with the well system were made.
2. EQM/ERI installed 3/4" double-check valve, pressure regulator, and associated belowground box enclosures for 2386 Rice Road (V. Nygard).
3. EQM/ERI installed 3/4" copper service line (in PVC casing) below Rice Road by microtunneling (using a Hammerhead Mole) for service to 2377 Rice Road (Giske Image Design). The push was performed approx. 6' north of the service tap due to push refusal at the tap location. Thereafter, crew installed meter setter, double-check, pressure regulator, and associated belowground box enclosures. Crew also installed 3/4" HDPE service piping from the meter setter to the planned connection point to the existing well line.
4. EQM/ERI tapped main at STA 84+02 for service to 2364 Rice Road (E. Nygard). Thereafter, crew installed meter setter, double-check valve, pressure regulator, and associated belowground box enclosures.
5. EQM/ERI tapped main at STA 92+45 for service to 2332 Rice Road (Ellenberger). Thereafter, crew installed 3/4" meter setter, double-check valve, pressure regulator, and associated belowground box enclosures. Crew also installed 3/4" HDPE service piping from the meter setter to the planned connection point to the existing well line.
6. EQM/ERI installed 3/4" HDPE service piping for 2312 Rice Road (House) from the planned meter setter location to the planned connection point to the existing well line.
7. EQM/ERI installed last air/vacuum relief valve at high point at STA 87+51.
8. EQM/ERI installed quick-connect Storz adapters on all remaining hydrants along Rice Road. All hydrants are now in service, cover bags removed, and are available for use by the fire department.
9. EQM/ERI cleanup crew performed final grading of stockpile cell area on Warren property.
10. CCPW installed water meters for the following properties: 293 Labree Road (Pallas); 2402 Rice Road (Ames); 2392 Rice Road (Abbot); 2386 Rice Road (V. Nygard); 2377 Rice Road (Giske Image Design); and 2364 Rice Road (E. Nygard).
11. DJs Plumbing performed backflow prevention tests for double-check valves installed at the following properties: 293 Labree Road (Pallas); 2402 Rice Road (Ames); 2392 Rice Road (Abbot); 2386 Rice Road (V. Nygard); 2377 Rice Road (Giske Image Design); and 2364 Rice Road (E. Nygard). Plumbing contractor reported all tests were acceptable.
12. Butler survey crew performed record surveying for air/vac and service installations.

Wednesday, November 13, 2002

1. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2402 Rice Road (Ames). The system was plumbed such that only the residence interior and one exterior spigot (near the wellhouse) are connected to the CCPW supply. All other existing outside spigots remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.

2. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2392 Rice Road (Abbot). The system was plumbed such that only the residence interior is connected to the CCPW supply. All existing outside spigots remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
3. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2386 Rice Road (V. Nygard). The system was plumbed such that only the residence interior is connected to the CCPW supply. All existing outside spigots remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
4. EQM/ERI installed 3/4" copper service line (in PVC casing) below Labree Road by microtunneling (using a Hammerhead Mole) for service to 2341 Rice Road (Treat). The main was tapped at STA 90+03. Thereafter, crew installed meter setter, double-check, pressure regulator, and associated belowground box enclosures. Crew also installed 3/4" HDPE service piping from the meter setter to the planned connection point to the existing well line.
5. EQM/ERI tapped main at STA 96+85 for service to 2312 Rice Road (House). Thereafter, crew installed 3/4" meter setter, double-check valve, pressure regulator, and associated belowground box enclosures. Crew also installed 3/4" HDPE service piping from the meter setter to the planned connection point to the existing well line.
6. EQM/ERI installed 3/4" copper service line (in PVC casing) below Labree Road by microtunneling (using a Hammerhead Mole) for service to 2319 Rice Road (Balmelli). The main was tapped STA 96+20.5. Thereafter, crew installed meter setter, double-check, and pressure regulator.
7. EQM/ERI installed 3/4" HDPE service piping for 2296 Rice Road (Byrd) from the planned meter setter location to the planned connection point to the existing well line.
8. Butler survey crew performed record surveying for service installations.

Thursday, November 14, 2002

1. EQM/ERI installed 3/4" meter setter, double-check valve, pressure regulator, and associated belowground box enclosures for 2296 Rice Road (Byrd). Main was tapped at STA 100+17. Thereafter, crew connected the new 3/4" HDPE service line to the existing well line supplying the residence. The system was plumbed such that the residence interior and two exterior spigots (on the house and the garage) are connected to the CCPW supply. All other existing outside spigots (yard hydrants) remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
2. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2364 Rice Road (E. Nygard). The system was plumbed such that the residence interior and the exterior spigots around the house are connected to the CCPW supply. The outside spigots within the horse barns remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
3. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the business at 2377 Rice Road (Giske Image Design). The system was plumbed such that only the business interior is connected to the CCPW supply. All outside spigots and yard hydrants

remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.

4. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2341 Rice Road (Treat). The system was plumbed such that only the residence interior is connected to the CCPW supply. All outside spigots and yard hydrants remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
5. EQM/ERI installed and connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2319 Rice Road (Balmelli). The new line was installed into the basement and was plumbed such that the residence interior and one exterior spigot (on the front of the house) are connected to the CCPW supply. All other existing outside spigots remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
6. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2312 Rice Road (House). The system was plumbed such that the residence interior, adjacent cabin interior, and all outside spigots are connected to the CCPW supply. No outside spigots remain connected to the well. CCPW inspector inspected all connections to verify no cross-connections with the well system were made.
7. CCPW installed water meters for the following properties: 2296 Rice Road (Byrd); 2312 Rice Road (House); 2319 Rice Road (Balmelli); 2332 Rice Road (Ellenberger); 2341 Rice Road (Treat); 169 Labree Road (Thurman); and 269 Hamilton Road North (leased by Selectrucks; owned by Hamilton).
8. DJs Plumbing performed backflow prevention tests for double-check valves installed at the following properties: 2296 Rice Road (Byrd); 2312 Rice Road (House); 2319 Rice Road (Balmelli); 2332 Rice Road (Ellenberger); 2341 Rice Road (Treat); 169 Labree Road (Thurman); 269 Hamilton Road North (leased by Selectrucks; owned by Hamilton); 228 Labree Road (Doelman); 210 Labree Road (Doelman); 205 Labree Road (Doelman); and 164 Labree Road (Doelman). Plumbing contractor reported all tests were acceptable.
9. EQM/ERI poured concrete pads around hydrant/valve at STA 16+75.5HR; hydrant/valve and 12" inline valve at STA 19+12HR; and around air/vac manhole at STA 14+10HR. Crew also placed asphalt around air/vacs at STA 51+00 and STA 87+51 and repaired asphalt driveway along service trench at 228 Labree (Doelman).
10. Butler survey crew performed record surveying for service installations.

Friday, November 15, 2002

1. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 2332 Rice Road (Ellenberger). The system was plumbed such that only the residence interior is connected to the CCPW supply (pressure regulator set at 65 psi, per owner's request). All outside spigots remain connected to the well. CCPW inspected all connections to verify no cross-connections with the well system were made.
2. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the business at 269 Hamilton Road North (leased by Selectrucks; owned by Hamilton). The system was plumbed such that only the building interior is connected to the CCPW supply (pressure regulator set at 50 psi). All outside spigots and the irrigation system remain

connected to the well (deep well PW-25). CCPW inspected all connections to verify no cross-connections with the well system were made.

3. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 169 Labree Road (Thurman). The system was plumbed such that the residence interior and the outside hose are connected to the CCPW supply (pressure regulator set at 65 psi, per owner's request). Only the spigot on top of the existing well pump remains connected to the well (to allow future well sampling). The treatment system (located in the garage) was taken off-line. CCPW inspected all connections to verify no cross-connections with the well system were made.
4. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 164 Labree Road (rental; owned by Doelman). The system was plumbed such that the residence and one outside spigot (located on the back of the residence) are connected to the CCPW supply (pressure regulator set at 55 psi). No spigots are connected to the well (deep well PW-8). CCPW inspected all connections to verify no cross-connections with the well system were made.
5. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 205 Labree Road (rental; owned by Doelman). The system was plumbed such that the residence and one outside spigot (located on the front of the residence) are connected to the CCPW supply (pressure regulator set at 60 psi, per renter's request). No spigots are connected to the well (deep well PW-6). CCPW inspected all connections to verify no cross-connections with the well system were made.
6. CCPW delivered water meters for all remaining properties: 228 Labree Road (Doelman); 210 Labree Road (Doelman); 205 Labree Road (Doelman); 164 Labree Road (Doelman); and 281 Hamilton Road North (United Rentals). EQM/ERI installed the meters.
7. CCPW, EQM, and START performed a final walkthrough inspection of the entire main route. Thereafter, START developed a "punchlist" of work items remaining to be completed.
8. EQM/ERI began final restoration work and initiated punchlist items: placed topsoil along service trenches; added gravel around hydrant pads and culvert ends; placed gravel on Pallas driveway; removed gravel approach to I-5 borepit area and re-gravelled road shoulder; extended culvert and added quarry spalls along ditchline near SE corner of Bishop/Maurin (to increase main bury depth); completed final grading of stockpile cell area on Warren property; began equipment decontamination and demobilization.
9. Butler survey crew performed record surveying for service installations (1/2 day).
10. Chris Butler (Butler Surveying) obtained signatures from United Rentals and Hank Doelman for City of Chehalis Water Service Applications and Utility Service Annexation Agreements (notarized).

Saturday, November 16, 2002

No work conducted on Saturday.

Sunday, November 17, 2002

No work conducted on Sunday.

Monday, November 18, 2002

1. EQM/ERI connected the new 1.5" HDPE service line to the existing well line supplying the business at 281 Hamilton Road North (United Rentals). The system was plumbed such that the business interior and all outside spigots are connected to the CCPW supply (pressure regulator set at 50 psi). No spigots or fixtures are connected to the well (PW-3). Russ Cox of CCPW inspected all connections to verify no cross-connections with the well system were made.
2. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 210 Labree Road (rental; owned by Doelman). The system was plumbed such that only the residence interior is connected to the CCPW supply. The pressure regulator was initially set at 60 psi, however this pressure caused a flex-hose below the kitchen sink to rupture. EQM repaired the line, then reset the pressure regulator to 50 psi (note, the pressure tank for the well previously supplying the residence was set at 54 psi). No additional leaks were observed. The outside spigot near the wellhouse remains connected to the well (deep well PW-6). CCPW inspected all connections to verify no cross-connections with the well system were made.
3. EQM/ERI connected the new 3/4" HDPE service line to the existing well line supplying the residence at 228 Labree Road (rental; owned by Doelman). The system was plumbed such that the residence interior and all outside spigots are connected to the CCPW supply (pressure regulator set at 60 psi). No spigots are connected to the well (deep well PW-6). CCPW inspected all connections to verify no cross-connections with the well system were made.
4. DJs Plumbing performed backflow prevention test for the double-check valve installed at 281 Hamilton Road North (United Rentals). Schemenauer reported the test was acceptable.
5. EQM/ERI continued final restoration work and completion of punchlist items: continued placement of topsoil along service trenches; poured asphalt pads around air/vac manholes at STA 4+45 and STA 14+50; installed identification markers (blue painted fence posts); extended tracer wires; added gravel around hydrant pads; graded gravel driveway on Pallas property; graded gravel parking area at Giske Image Design; placed and graded additional gravel near Bishop/Maurin borepit area; repaired fence along Ames' property; continued equipment decontamination and demobilization.

Tuesday, November 19, 2002

1. EQM/ERI continued final restoration work and completion of punchlist items: cleaned all air/vac lids and bolts and applied anti-seize on bolts; installed stainless steel support straps on all air/vacs; poured concrete pad around air/vac manhole at STA 22+50; poured concrete pads around inline valves at STA 22+78 and STA 39+73; completed placement of topsoil around meter boxes and along service lines; placed topsoil along Thurman property to edge of Labree Road; completed final hydroseeding (Country Green Hydroseeding); placed sod along service trench at Selectrucks; continued equipment decontamination and demobilization.
2. Jim Bridges of Lewis County performed final drive-by inspection of the site. Thereafter, he submitted a report stating the project has been completed to Lewis County regulations and requirements. No further work required.

3. EQM/ERI removed treatment system from garage at 169 Labree Road (Thurman). Two carbon vessels to be disposed off-site as household hazardous waste at Philip Services Corporation located in Renton, Washington (to be hauled offsite on 11/21/02).

Wednesday, November 20, 2002

1. EQM/ERI continued final restoration work and completion of punchlist items: painted all hydrants "Traffic Safety Yellow" (crew to apply second coat tomorrow); continued equipment decontamination and demobilization (START office trailer removed and utilities disconnected). Punchlist items remaining: install valve stem extensions (to be completed 11/21/02); complete equipment demobilization (trailers and misc. small equipment in conex boxes) and restore United Rentals property.
2. 16 tons of non-hazardous material (site clean-up debris) was hauled off-site to Hillsboro Landfill (Waste Management) located in Hillsboro, Oregon.

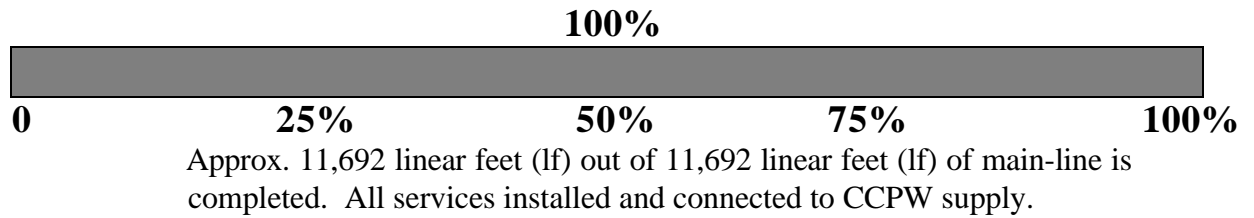
Thursday, November 21, 2002

1. EQM/ERI continued final restoration work and completion of punchlist items: painted second coat on all hydrants ("Traffic Safety Yellow"); continued equipment/materials decontamination and demobilization (EPA/Coast Guard trailer removed and utilities disconnected).
2. Two carbon vessels contaminated with PCE (approx. 400 lbs of carbon) from Thurman's treatment system were hauled off-site to Philip Services Corporation located in Renton, Washington. The material was transported by Burlington Environmental, Inc., of Kent, Washington.

Friday, November 22, 2002

1. EQM/ERI installed valve stem extensions at the following locations: 2' extension at hydrant valve at STA 30+62; 2' extension at hydrant valve at STA 33+61; 1' extension on inline valve at STA 39+73; 3' extension on hydrant valve at STA 8+30HR; 1' extension on hydrant valve at STA 19+12HR.
2. EQM/ERI completed demobilization activities: removed EQM/ERI office trailer and disconnected/removed temporary utilities (phone & electric); removed all remaining misc. equipment and materials; removed conex containers; disposed remaining waste materials.
3. Chad Nancarrow (START) and Joe Taurman (EQM) installed potable/non potable water labels on piping at each residence/business. Blue "Potable Water" labels were placed on lines connected to the CCPW supply, and purple "CAUTION Non Potable Water" labels were placed on lines remaining connected to private wells. In addition, all outside spigots remaining connected to private wells were labeled with "DANGER Do Not Drink This Water" tag signs.

Project Completion Yardstick:



V. FUTURE EVENTS

- A. START to prepare and submit Removal Report (estimated completion date is January 31, 2003)**

VI. COST INFORMATION

A. ESTIMATED COSTS

Regional Allowance Costs:

ERRS Contractor	\$2,696,000.00
START	\$367,000.00
Subtotal	\$3,063,000.00
10% contingency	<u>\$306,300.00</u>
Subtotal of Extramural	\$3,369,300.00

Intramural Costs:

EPA Direct	\$15,000.00
EPA Indirect	<u>\$20,000.00</u>
Subtotal of Intramural	\$35,000.00

U.S. Coast Guard Costs:

Pacific Strike Team Ceiling	\$75,000.00
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B. Actual Costs as of November 18, 2002.

ERRS Contractor	\$2,543,894.81 (a/o: 22NOV02)
START	178,800.00 (estimated)
U.S. Coast Guard Pacific Strike Team	<u>\$57,911.90</u>
Actual Subtotal	\$2,780,606.71

C. TOTAL REMOVAL PROJECT CEILING **\$3,479,300.00**

CASE PENDS

Distribution list:

Cc USEPA Headquarters: attn: Terry Eby
 USEPA Emergency Response: attn: Chris Field, Mary Matthews
 USEPA Washington Operations office: attn: Tom Eaton
 Washington Department of Ecology: attn: Panjini Balaraju